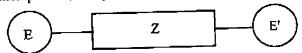
AMENDMENT

In the Claims:

Please replace claim 11 with:

(Amended) An oligomer mixture with self-reactive end-caps prepared by a melt condensation process, comprising the general structure:



wherein Z is a liquid crystal backbone of the oligomer mixture selected from the group consisting of an ester, an ester-imide and an ester-amide,

wherein E and E' are selected from the group consisting of

, and

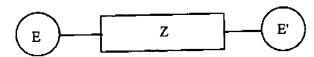
(00009620:1-)

wherein R' is selected from the group consisting of hydrogen, alkyl groups containing six or less carbon atoms, aryl groups containing less than ten carbon atoms, lower alkoxy groups containing six or less carbons, lower aryloxy groups containing ten or less carbon atoms, fluorine, chlorine, bromine, and iodine.

Please replace claim 12 with:

7578649190

(Amended) An oligomer mixture with self-reactive end-caps prepared by a melt condensation process, comprising the general structure:



wherein Z is a liquid crystal backbone of the oligomer mixture having at least one structural repeat unit selected from the group consisting of

$$\begin{bmatrix}
H & H \\
N & R
\end{bmatrix}
\begin{bmatrix}
H & N & R
\end{bmatrix}$$

(00009620:1-)

$$\begin{bmatrix}
0 & 0 & 0 \\
0 & 0 & 0
\end{bmatrix}$$

$$\begin{bmatrix}
0 & 0 & 0 \\
0 & 0 & 0
\end{bmatrix}$$

$$\begin{bmatrix}
0 & 0 & 0 \\
0 & 0 & 0
\end{bmatrix}$$

$$\begin{bmatrix}
0 & 0 & 0 \\
0 & 0 & 0
\end{bmatrix}$$

$$\begin{bmatrix}
0 & 0 & 0 \\
0 & 0 & 0
\end{bmatrix}$$

$$\begin{bmatrix}
0 & 0 & 0 \\
0 & 0 & 0
\end{bmatrix}$$

$$\begin{bmatrix}
H & O & H \\
N & C & R
\end{bmatrix}$$

$$\begin{bmatrix}
H & O \\
N & C
\end{bmatrix}$$

$$\begin{bmatrix}
H & O \\
N & C
\end{bmatrix}$$

$$\begin{bmatrix}
H & O \\
N & C
\end{bmatrix}$$

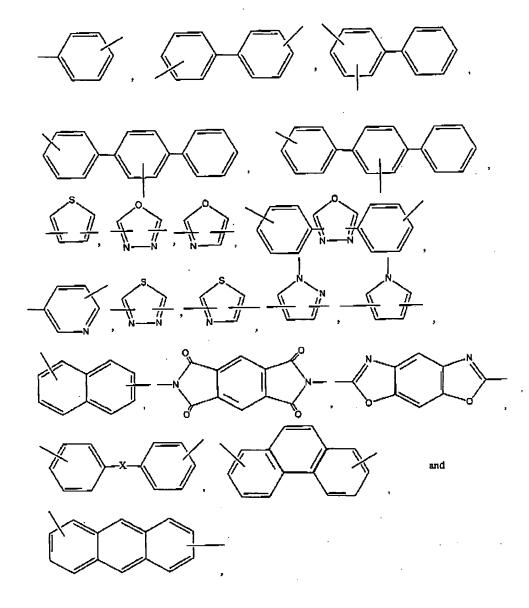
wherein R is selected from the group consisting of

$$\begin{array}{c|c} CH_3 & CH_3 \\ & & \\ & & \\ \end{array}$$

$$-(-CH_2 \rightarrow_{m} - Si \rightarrow_{m} - CH_2 \rightarrow_{m} - CH_2$$

wherein n is a number less than 500, wherein m is a number less than 500, wherein Ar is selected from the group consisting of

(UNDO9620:6 }



(00009620:1-1

wherein X is selected from the group consisting of

wherein n is a number less than 500,

wherein E and E' are selected from the group consisting of

, and

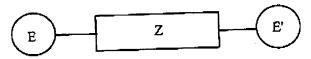
(000009620:1)

wherein R' can be selected from the group consisting of hydrogen, alkyl groups containing six or less carbon atoms, aryl groups containing less than ten carbon atoms, lower alkoxy groups containing six or less carbons, lower aryloxy groups containing ten or less carbon atoms, fluorine, chlorine, bromine, and iodine.

Please replace claim 18 with:

7578649190

(Amended) An oligomer mixture with self-reactive end-caps comprising the 18. general structure



wherein

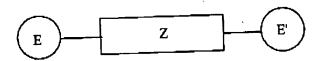
wherein Ar is

{nnoo9620:1}

Please replace claim 19 with:

7578649190

(Amended) An oligomer mixture with self-reactive end-caps comprising the general structure



wherein

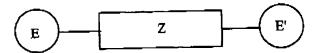
E and E' are
$$Z \text{ is } \left\{ \begin{array}{c} 0 \\ -1 \\ -1 \end{array} \right\}$$
and
$$Z \text{ is } \left\{ \begin{array}{c} 0 \\ -1 \\ -1 \end{array} \right\}$$

wherein Ar1 and Ar2 are

Please replace claim 20 with:

(Amended) An oligomer mixture with self-reactive end-caps comprising the 20. general structure

(00009/420:1-)



wherein

and Z is selected from the group consisting of

$$\begin{bmatrix}
0 & 0 & 0 \\
 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\
0 & & & \\$$

where Ar₁ and Ar₃ arc

and Ar2 is

(00009620:1-)